

# CHANAGUN VIRIYASATHAPORNPONG

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## EDUCATION

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**Chulalongkorn University (GPAX 3.18)**

**August 2021 - May 2025 (Expected)**

**Bachelor of Engineering, Computer Engineering**

**Relevant coursework:** Data Structure, Algorithm Design, Object Oriented Programming, Database System, Software Architecture, Cloud Computing, Software Define System

## EXPERIENCE

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**Codefin Company Limited**

**24 February - 31 May 2025 (In Progress)**

**Fullstack Developer Part-time**

- Contributing to developing a micro-application project using Flutter to create a responsive and user-friendly frontend for an optimized mobile experience.
- Utilizing Go (Golang) with gRPC and GraphQL to enhance backend communication, focusing on performance optimization and scalability within a microservices architecture.
- Writing and executing unit tests to ensure backend stability and reliability, following best practices in test-driven development.

**Codefin Company Limited**

**29 August – 31 December 2024**

**Fullstack Developer Internship**

- Worked on a new project 2–3 days per week while managing university studies, using Go with the Echo framework for backend APIs and React with TypeScript for frontend development.
- Developed Krungsri-LineOA webpages, allowing users to view transaction history and request statements, improving accessibility and convenience.
- Built a micro-app for online trading using Flutter, ensuring a responsive and engaging mobile interface.

## WE TECH CONSULTING

**5 June – 31 July 2024**

**Software Developer Internship**

- Completed a 2-month internship as a Software Developer, using Glide (a low-code platform) to manage the product inventory system, including acquisition, rental, and lending operations.

## PROJECTS

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**CUMP Website, Software Architecture Group Project 2024**

- Developed an online trading platform featuring a microservice architecture, where I implemented a real-time chat service using WebSocket and gRPC, an accounting service integrated with a Stripe adapter for secure transactions, and a user service for authentication and authorization utilizing REST API in Golang and Echo.

**Carbon Footprint Calculation Website, Senior Group Project 2024-2025 (In Progress)**

- Developing a carbon footprint calculation app with React and TypeScript, implementing unit and regression testing for both frontend and backend to ensure stability.
- Automating builds, testing, and deployments using GitLab CI/CD for seamless integration and efficient feature delivery.

## SKILLS

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- **Programming Languages:** Python, C++, C#, Java, JavaScript, TypeScript, Dart, Golang
- **Frameworks & Libraries:** Next.js, React, Tailwind CSS, React Native, Flutter, Echo, gRPC, GraphQL, Express.js
- **Database:** PostgreSQL, MongoDB, DynamoDB, Redis,
- **Tools & Technologies:** Docker, Kubernetes, AWS, Terraform, Git